REMARKS

Status of claims

Claims 1-8 are pending in this application, with claims 1 and 5 being independent. Claim 1 has been amended to correct informalities in claim language and to more clearly define the claimed subject matter. New claims 5-8 have been added. Support for the amendments and new claims is found, for example, at paragraph [0038] and FIGS. 2-5 and the corresponding disclosure thereof in the present disclosure. Care has been exercised not to introduce new matter. For the reasons set forth below, Applicants respectfully submit that all pending claims as currently amended or presented above are patentable over the cited prior art.

Claim Rejection – 35 U.S.C. § 103

Claims 1-4 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Barton et al. (US 6,266,103) in view of Niida (US 6,879,348). This rejection is traversed for at least the following reasons.

Applicants submit that one of the features of the present subject matter is that an adjustment pattern signal, a gamma correction value, and a still image are simultaneously displayed on a screen such that the adjustment pattern signal and gamma corrected still image are displayed in accordance with a gamma corrected value. This feature allows a user to easily execute the adjustment of the display.

Applicants respectfully submit that amended claim 1 recites, among other features, that "*the displayed adjustment pattern signal is a tile display pattern of a gray scale corresponding to a gamma adjustment point.*" In this regard, the Examiner's attention is directed, for example, to FIGS. 2-5 of the present disclosure. FIG. 2 illustrates several gamma adjustment points 9a,

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9b ... . 9h of gamma characteristic curve 9, and FIG. 3 illustrates the corresponding gray scale adjustment tile patterns 10a, 10b, ... , 10c which compose an adjustment pattern 10. In addition, FIG. 5 illustrates that an adjustment tile pattern 17 including a set of a plural adjustment patterns is displayed in tile on a screen with an adjustment menu. Further, FIG. 4 illustrates the detailed adjustment menu. The adjustment menu is composed of an adjustment item display portion 13 for displaying an adjustment item, a gamma adjustment tone level display portion 14 for indicating the adjustment tone levels of eight gamma adjustment points (9a to 9h) as shown in FIG. 2, a scroll bar display portion 16 for displaying an adjustment value of each gamma adjustment point, and a gamma adjustment value display portion 15 for displaying an adjustment value of each adjustment tone (a to h).

Turning to the cited references, Applicants respectfully submit that, at a minimum, Barton and Niida fail to disclose or even suggest *"the displayed adjustment pattern signal is a tile display pattern of a gray scale corresponding to a gamma adjustment point"* as recited by claim 1. The Examiner asserts that reference numeral 46 of FIG. 1 and FIG. 2 of Barton discloses the claimed "adjustment pattern signal" for gamma adjustment. However, FIG. 2 (reference numeral 46) of Barton merely discloses a user interface for adjusting a gamma curve, which is not the "displayed adjustment pattern signal" of claim 1. Specifically, it is clear that FIG. 2 of Barton does not disclose that the "adjustment pattern signal is a tile display pattern of a gray scale corresponding to a gamma adjustment point" as recited by amended claim 1. As such, it is clear that, at a minimum, Barton fails to disclose the above discussed features of claim 1 regarding the adjustment pattern signal.

Applicants also submit that Niida similarly fails to disclose that *"the displayed adjustment pattern signal is a tile display pattern of a gray scale corresponding to a gamma*

adjustment point." It is clear that, at a minimum, FIG. 24 of Niida cited by the Examiner fails to disclose the use of a tile display pattern of a gray scale.

As such, it is clear that, at a minimum, Barton and Niida fail to disclose the above discussed features regarding the adjustment pattern signal as recited by claim 1. Further, it would not have been obvious to add these features to such a combination of the cited references. Accordingly, claim 1 and all claims dependent thereon are patentable over the cited references. Thus, it is requested that the Examiner withdraw the rejection of claims 1-4 under 35 U.S.C. § 103(a).

New Claims

New claim 5 recites, among other features, "*a memory configured to store a gamma correction characteristic comprising adjustment tones having values from a lowest adjustment tone value to a highest adjustment tone value, a tile display pattern in which each value of the adjustment tones of said gamma correction characteristic respectively corresponds to each signal tone level, and an adjustment value for each of said adjustment tones.*" As discussed above, at a minimum, the cited references fail to disclose any tile display pattern features. Hence, the references do not disclose the tile display pattern features of new claim 5. Thus, claim 5 and all claims dependent thereon are patentable over the cited references.

Conclusion

Having fully responded to all matters raised in the Office Action, Applicants submit that all claims are in condition for allowance, an indication for which is respectfully solicited. If there are any outstanding issues that might be resolved by an interview or an Examiner's amendment, the Examiner is requested to call Applicants' attorney at the telephone number shown below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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